

**2006**

UNIVERSITY OF MISSOURI

 **Extension**

**Bollinger County**  
University of Missouri  
Extension Council  
Annual Report

Report Presented by:  
**Bollinger County Extension Council**  
**Marble Hill, Missouri**

*University of Missouri Extension does not discriminate on  
the basis of race, national origin, sex, sexual orientation,  
religion, age, disability or status as the Vietnam era veteran  
in employment or programs.*

Dear Members of the County Commission and Community:

Thank you! Your financial support to our land-grant university partnership makes it possible for University of Missouri Extension to deliver high-quality educational programs where Missourians live, work and experience quality of life.

More than 1 million Missourians annually turn to MU Extension for help in improving businesses, farms and communities and strengthening their families. Your partnership with the U.S. Department of Agriculture, the State of Missouri, and local organizations and businesses enhances the state's economy and brings unique opportunities to families and individuals.

In fact, MU Extension partners with more than 100 entities across the state. Those partnerships enable us to extend our educational reach without duplicating services. In FY2007, MU Extension will leverage \$39 million in federal and state funding resources into more than \$81 million in educational programming to serve Missourians.

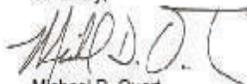
In 2006, dollars allocated by county commissions to support extension at the local level amounted to 17 percent of the total dollars for extension funding statewide. These local dollars were leveraged to provide more programs to more people. Additionally, our local partners across the state (county commissioners and councils) provided significant in-kind contributions in the forms of office space and meeting space. Grants, fees and contract dollars account for almost 23 percent of extension funding. Combined with state and federal funds, every local tax dollar is matched with an average return of \$10.37. We use these funds very efficiently. In FY2007, just four percent of the budget is going toward administration, compared with 12 percent for most non-profits and government agencies.

The return on your investment in MU Extension for your community is great:

- Businesses become and remain profitable -- creating and retaining jobs.
- Improved agricultural yields add to producers' bottom line, and citizens enjoy a safer environment.
- Towns and cities use research-based resources to make better decisions about their future.
- Young people are more likely to stay in school and increase their lifetime earnings.
- Professionals and other workers stay on the cutting edge of career requirements through continuing education.
- Adults and young people live healthier lifestyles and suffer fewer medical costs.

Your local extension faculty and staff, campus faculty, county extension council members, 4-H volunteers, Master Gardeners and other program supporters look forward to a continued fruitful partnership in 2007. If you have suggestions for how University of Missouri Extension can better serve your needs, please contact me or your local extension center.

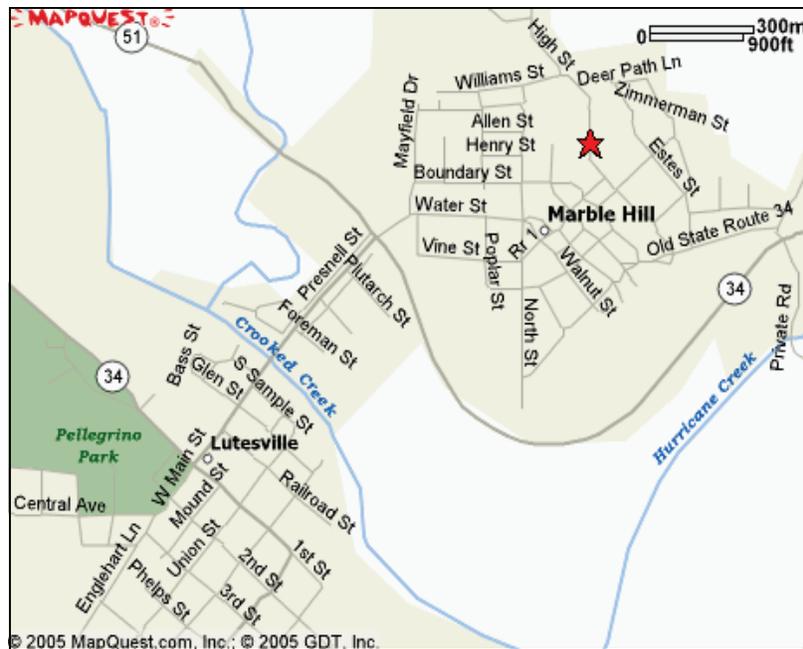
Sincerely,



Michael D. Quart  
Vice Provost and Director

cc: Brian Foster, Provost  
Beverly Coberly, Director, Off-Campus Operations  
Extension Regional Directors  
Extension County Program Directors

# Bollinger County's University Extension Center



## Office is located at:

304 High Street  
Marble Hill, MO  
Tel: (573) 238-2420

## Office hours:

Monday - Friday  
8 a.m. to 4 p.m.

**E-MAIL:** [bollingerco@missouri.edu](mailto:bollingerco@missouri.edu)  
**WEBSITE:** [www.extension.missouri.edu/  
bollinger](http://www.extension.missouri.edu/bollinger)

UNIVERSITY OF MISSOURI  
 Extension  
Live. And Learn.

Dear Friends of Extension:

The University of Missouri Extension Council would like to thank the Bollinger County Commission for supporting Extension Programs during this past year. We are pleased to present this 2006 Annual Report to give you a brief overview of the programs and educational information that was given for the citizens of Bollinger County.

In 2006, Missourians all over the state turned to the University of Missouri Extension to help solve problems, to gain information, and to receive educational programming. As a state-wide effort we strive to provide research based information and education programs to individuals, families, farmers and businesses. Programs in agriculture and natural resources, 4-H youth development, health and nutrition, business, community development and continuing education have improved their quality of life.

The Extension Council appreciates the continued support from the County Commission, individual volunteers, groups, organizations, business and county citizens. We look forward to the planning, programming and development for the years ahead.

If you would like more information or if we can assist you, please contact the Bollinger County University of Missouri Extension Center.

Sincerely,

*Ronda Elfrink*, Bollinger County Extension Council Chair

*Donna Aufdenberg*, County Program Director.

**Bollinger County's  
University Extension Center**



**Come See us at:**  
*304 High Street  
Marble Hill, MO*

**We Offer Many Services:**  
*Soil Testing  
Plant Diagnostics  
Hay Testing  
Canner Gauge Testing  
Family Nutrition Education  
Center for Distance and Independent Study  
Continuing Education  
Much, Much More...*

**Staff Members at the  
Bollinger County University  
Extension Office**

**County Based Extension Staff**

Donna Aufdenberg, Horticulture Specialist &  
County Program Director

Willie Saputo, 4-H Youth Program Assistant

Susan Fisher, Office Manager

**Other Staff Serving Bollinger  
County**

Janet Kline, Regional Director

Roger Eakins, Livestock Specialist

Pam Crass, 4-H Youth Specialist

Gerald Bryan, Agronomy Specialist

Frank Wideman, Natural Resource Engineer

Mary Gosche, Human Development

Judy Lueders, Food & Nutrition

Roy Hibbard, Ag. Business

**Diverse, Experienced and Well Trained Staff**

The staff of the University Extension office in Bollinger County is diverse, representing a variety of backgrounds, experiences and educational levels. Staff members have owned their own businesses, worked for other educational institutions, worked in the public and private sector and collectively have over 15 years of work experience with University Extension.



## **Mission**

The Mission of University of Missouri Extension is to:

*Improve Missourians' lives by addressing their highest priorities through the application of research-based knowledge and resources.*

As an integral part of the land-grant mission, University of Missouri Extension is a joint venture of:

- \* University of Missouri campus
- \* Lincoln University Cooperative Extension
- \* The people of Missouri through county extension councils
- \* Cooperative State Research, Education and Extension Service of the U.S. Department of Agriculture
- \* Other stakeholders and partners

## **4-H Youth Development**

### **Bollinger County 4-H Clubs:**

Castor River Catfish in Zalma  
ABC Club in Glen Allen  
Cheerful Workers in Sedgewickville  
Leopold Club in Leopold  
Ride If You Dare Rodeo Club- county-wide

In 2006, 80 members successfully completed the 4-H year.

### **4-H County Events:**

Rodeo  
Recognition Banquet  
Monthly club meetings  
Project meetings

### **4-H Livestock Youth Programs:**

Steer Weigh-In  
Prospect Day  
SEMO District Fair  
Memphis South, Altenburg, Jefferson,  
& Madison County Fairs

### **4-H Trips and Events:**

State 4-H Congress and Teen Conference  
4-H Camp  
WOW (Wonders of Washington)

All 4-H clubs are involved in community service and fund-raising .

Each month a 4-H newsletter is mailed out to approximately 50 families and placed on the county's webpage.

**Palma Crass, Youth Development Specialist**

oversees the programming in Bollinger County. She works with 4-H leaders in the county, makes contacts with schools on programs, and supervised Community Service Assistant, Tina Engelen, who worked both in Bollinger and Wayne Counties.

**Willie Saputo, Youth Program Assistant** is the contact person for Bollinger County 4-H and is housed at the county office. Willie works with the five 4-H clubs in the county, attends monthly meetings with each group and helps to coordinate club functions and activities.

**Tina Engelen, Community Service Assistant,** spent the summer working in Bollinger and Wayne Counties. Tina helped with 4-H activities, 4-H Camp, the community garden and office operations. We were fortunate and glad to have Tina for the summer.

*“One of every nine Missouri young people, ages 5-18, participates in 4-H. These students are more likely to go to college and enjoy increased financial success.”*



## **4-H Youth Development**



### **Ecology Day**

The Bollinger County Ecology Day presented workshops to 166 fifth grade students, teachers, parents and instructors from Leopold, Meadow Heights, Woodland, and Zalma Schools. The Ecology Day was held at Woodland School grounds in Marble Hill. Youth learned about conservation and appreciation for natural resources through different workshops that were offered. Various agencies worked to implement the program. Those who participated are University Extension, Missouri Department of Conservation and NRCS. Pam Crass coordinated the program with the different agencies and the schools.

### **4-H Rodeo**

Twenty-two Bollinger county youth competed during the 2006 4-H Rodeo year. The youth not only experienced the excitement of rodeo they also developed skills by doing demonstrations, and filling out report forms. They learned social skills through interacting with youth from Butler, Cape, Carter, Dunklin, Madison, Ripley, Scott, Stoddard and Wayne Counties. The 4-H Rodeo program encourages family involvement and reaches youth that aren't usually involved through other 4-H youth programs. The youth gain confidence, acquire physical skills, work closely with adult leadership and learn positive social skills. Approximately 200 youth were enrolled in the 4-H Rodeo program in the Southeast Region.

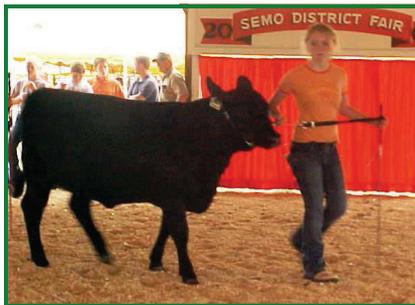
## 4-H Programs at work.



Livestock Judging Group 2006



Fall Nature Walk 2006



SEMO Fair 2006

## Agriculture

Agriculture is very important to Bollinger County residents, from cattle producers to row crop producers. From the north end of the county to the South end, Extension plays an important role. The Bollinger County Extension office plays an important role in numerous agriculture related programs. This year alone, we have sent out more than 210 soil tests, 4 hay samples as well as plant samples for disease and insect diagnosis.

County residents took part in the Private Applicator Training sessions as well as beef programs and forage workshops.



**Gerald Bryan, Agronomy Specialist** assisted farm owners with questions on agronomy, pastures, hay fields, and row crops. He coordinated a Woodland Steward Short Course in conjunction with Missouri Department of Conservation. Landowners participated in this 3 week program which gave information about forestry, wildlife, and woodland management.

**Roger Eakins, Livestock Specialist** assisted Bollinger County cattle producers throughout the county with livestock questions as well as farm visits. County cattle producers also participate in the Show-Me Select Heifer Program, Bull Sale and U.S. Premium Beef.

## Agriculture

**Roy Hibbard, Agribusiness Specialist,** presented “Agricultural Loans” at the local Women in Ag Annual Meeting and helped to coordinate a Agroforestry Program at Kamler’s farm. Regionally, Roy coordinated a Tax school, Estate planning, Ag lenders meeting, and a agricultural tax update in which Bollinger County resident attended.

**Kendra Graham, Livestock Specialist,** answers many calls about Sheep and Goat Production from producers in our county. She has also helped to organize and present two goat production workshops within the region that helped local producers.



### **Show-Me Select Heifer Program**

In 2006, Bollinger County had 10 buyers register in the Show-Me Select Heifer Program, of which 3 bought heifers. There has been 65 registered buyers from Bollinger County since the program began. Twenty-two have actually bought heifers.

## Horticulture

Donna Aufdenberg, Horticulture Specialist, assisted Bollinger County residents on horticulture questions. Donna assisted over 500 gardeners who contacted the office on a variety of topics such as vegetable gardening, flower gardening, houseplants, outdoor plants, insect problems, soil testing and disease diagnostics.

Donna gave several gardening programs to local garden clubs and organizations in the Southeast Region about “Preparing the Garden”, “Exhibiting and Judging Horticulture at County Fairs”, “Bird Gardening”, “Gardening for Everybody”, “Pruning and Transplanting”, “Propagation” and “Landscaping”.

Donna also assisted Bollinger County Farmers’ Market and Farmers’ Market vendors throughout the Southeast Region. She coordinated a Farmers’ Market Workshop for the Southeast Region in February.



## Master Gardener Program

The mission of the Missouri Master Gardener Program is **“Helping Others Learn to Grow”**. The University of Missouri educates gardeners and plant enthusiasts about gardening through a series of training sessions

on topics such as plant anatomy and functions, soils, vegetable gardening, flower gardening, turf, insects and diseases, herb gardening, landscaping and woody ornamentals. In turn, the Master Gardener members improve the quality of life, enhance the economy and environment in Bollinger County through seminars, giving horticultural advice, working with youth on gardening projects, beautification projects and Tomato taste tests.

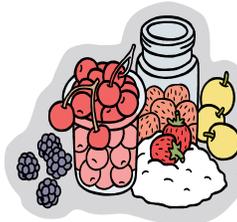


In 2006, there were 25 Master Gardener members in Bollinger County who turned in more than 500 volunteer hours valued at \$9000 annually to the community (Based on national standard of \$18 value per volunteer hour). Regionally, there are over 200 Master Gardeners who volunteer more than 6,000 hours valued at more than \$110,000 annually to the Southeast Region.

## Food and Nutrition

**Judy Lueders, Food and Nutrition Specialist,** held a Summer Safety Health Fair at Meadow Heights School in March. She also held a Canning Seminar at the United Methodist Church in Marble Hill in May. Judy also helps to coordinate leader training and meetings for the 2 FCE clubs in Bollinger County.

Judy answers numerous questions on nutrition, canning, freezing and recipes. She also conducts Dining with Diabetes.



**Kathleen Lyons, Nutrition and Health Ed. Specialist,** is the Family Nutrition Education Program Coordinator for Bollinger County. Bollinger has approximately 301 participants in the Family Nutrition Program, which are mostly school aged children and/or WIC participants. The FNEP gives nutrition education for youths in kid friendly terms and lessons with hands-on activities. Activities include taste-testing healthy foods and practicing skills that lead to good health. Education for adults includes nutrition, food safety, physical activity and food resource management.

## Human Development

The Briefings on Family Matters is a quarterly newsletter that approx. 50 county residents receive. It consists of information from **Mary Gosche, Human Dev. Specialist, Judy Lueders, Nutrition Specialist and Donna Aufdenberg, Horticulture Specialist.** The articles consist of information for relationships, nutrition and gardening. Mary Gosche is the county Family and Community Education advisor. Mary also assist individuals with parenting classes as well as other family related questions. Bollinger County has two FCE clubs with approximately 40 members. The members attend meetings as well as leader training.

## Community Development

**Celeste Vanderbrugen, Community Development Specialist,** conducted “Don’t Drown My Duck”...Communication and Leadership Training. Participants were directors from all nutrition center in the Southeast Region. The workshop focused on communication and leadership strategies when under stress. All participants reported they learned something of value and enjoyed the workshop. Each director went home with their own rubber duckie.

## Century Farms

Bollinger County added twelve Century Farms in 2006. West Family Farm, Zalma has been in the family since 1904 with 118 of the original acres.



Keith and Kimberly Kight, Leopold, farm has been in the family since 1906 with 80 of the original acres. Clara and Larry Dixon Farm, Sedgewickville, farm has been in the family since 1905 with 150 original acres. Larry and Faye Hahn, Millersville, farm has been in the family since 1850's, they are the 5th generation of Hahn's to live on their farm. Limbaugh family farm in Bollinger County have 458 acres and has been in the family since 1811. In 1938 Eula Limbaugh spent her first year of marriage on the farm. Anna Lee and Richard Reece farm has been in the family since 1874 with 42 acres. Lange Farm in Sedgewickville has been in the family since 1847. Benjamin Franklin Ellis, Sr. family farm has been in the family since 1882 with 80 acres. Robert and Annabel Engelen have 137 qualifying acres that has been in the family since 1868. Statler Family Farm, has been in their family since 1847 with 40 acres. Mary Anita Statler Farm has been in their family since 1847 with 42 acres and Joyce Marie Statler Farm since 1847 with 42 acres.

# Century Farm Pictures



**Stan West**



**Keith, Kim, Shelby Kight and Donna Aufdenberg**



**Clara and Larry Dixon**



**Faye and Larry Hahn**



**Mary, Manley, Eula, Dan, and Paulette Limbaugh**



**Annabel and Robert Engelen**

## **Bollinger County Residents enrolled at MU**

17 Students on Columbia campus

12 Undergraduates

5 Graduates

7 Part-time students

10—University of Missouri Columbia

6—University of Missouri Rolla

1—University Missouri Saint Louis

## **MU Extension Impacts**

- ♦ MU Extension programs in agriculture, community Development, human environmental sciences, business, youth development and continuing education reach more than 1 million Missourians a year.
- ♦ Through accredited, nationally recognized MU High School, 8,000 high school students from MO and worldwide each year take courses in foreign languages, adv. math and sciences, and other subjects that often are unavailable at their local schools.
- ♦ MU Extension is the official training source for Missouri's 25,000 career and volunteer firefighters. Courses prepare firefighters for medical emergencies, hazardous material response and acts of terrorism as well as fires.

## Unique partnership

Bollinger county's Extension Council is a full partner with Missouri's land-grant universities to deliver high-quality education and research based information that helps people solve real world problems and take advantage of opportunities. Council members:

- \* Work with extension specialists to provide the county with quality education programs;
- \* Manage finances of local extension operations;
- \* Provide personnel to carry out extension activities;
- \* Elect and organize the local extension council.



Extension Council's Annual Dinner

## Bollinger County Extension Council

The Bollinger County Extension Council consist of 10 elected members and 4 appointed members. The council meets the second Monday of each month. Council members and staff held their annual Tree Give-Away in March. Approximately 400 trees were given away. The Council and staff have also sold plants, mums, and flower bulbs to help promote the programs and literature available through Extension. The Extension Council and Staff also took part in the Annual Bollinger County Fall Festival. The council supports Private Applicator Training and County 4-H programs. **Thank you Council Members and Staff for all the hard work you do!!**



Extension Booth at the County's Fall Festival

## **Bollinger County Council Members**

- \* **Chairperson - Ronda Elfrink**
- \* **Vice-Chair - Murray Dunn**
- \* **Secretary - Beth Nenninger**
- \* **Treasurer - Annette Wiseman**
- \* **Lisa Whitener**
- \* **Gary Beal**
- \* **Gary Brewer**
- \* **L.L.(Bud) Bridges**
- \* **Paula Bridges**
- \* **Sharon Hopkins**
- \* **Tim Meek**
- \* **Mark Crenshaw - Bollinger Co. Coop Rep**
- \* **Kenny Whitener - Farm Bureau Rep**
- \* **Wayne Johnson - Presiding County  
Commissioner**

## **State, Federal & County Funding**

University Extension programs in Bollinger County are funded by Bollinger County, state and federal appropriations. Local funding for support of the Bollinger county Extension Center is provided by the Bollinger County Commission. They provide office space, funds for office expenses, clerical salaries and travel expenses of extension specialists who conduct educational programs in Bollinger County.

A special acknowledgment and appreciation is given to the Bollinger County Commissioners for financial assistance.

### **BOLLINGER COUNTY COMMISSIONERS**

**Wayne Johnson**  
**Wayne Whitener**  
**Larry VanGennip**

### **University of Missouri's Contribution to County Extension Program**

University of Missouri provides salaries and benefits for one professional and one para-professional staff members head-quartered in Bollinger County.

The University provides in-service training expenses, including travel and lodging for staff, postage for staff communications and matching funds for computer equipment costs and maintenance.

## Financial Statement

### REVENUE

County Appropriations	\$25,800.00
<b>TOTAL REVENUE</b>	<b>\$25,800.00</b>

### EXPENSES

Secretary Salary	\$12,950.00
Staff Withholding	\$ 1,800.00
Travel	\$ 2,450.00
Postage	\$ 500.00
Telephone	\$ 1,800.00
Rent/Lease Space	\$ 300.00
Supplies	\$ 2,300.00
Copier and Supplies	\$ 1000.00
4-H Development	\$ 2,000.00
Other (IT Service)	\$ 300.00
Publishing & Printing	\$ 400.00

<b><u>TOTAL EXPENSES</u></b>	<b><u>\$25,800.00</u></b>
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**Thank the Bollinger County Commissioners  
for sponsoring the Bollinger County Extension  
Office, let them know how we are helping you  
and your family.**

## Top 10 University Extension Guidesheets

1. G302 Custom Rate for Farm Service
2. G427 Cash Rental Rates
3. G6201 Vegetable Planting Guide
4. G6010 Fruit Tree Spray Schedule
5. G4650 Establishing Forages
6. G9110 How to get a good soil sample
7. GH 1451 Food Preservation, Before You Start to Can
8. GH 1452 Food Preservation, Steps to Success in Home Canning
9. G6461 Growing Home Garden Tomatoes
10. G6220 Organic Gardening Techniques



## Top 10 Information Requests of 2006

1. Master Gardener Program
2. Horticulture topics on home gardening
3. Bird Information—Blue Birds, Purple Martins, Hummingbirds
4. Commercial Crop Production—Grapes, Blueberries, Elderberries, Blackberries
5. Farmers' Markets
6. Edible Mushrooms
7. Canning
8. Bees
9. Corn and Soybean Crop Production Guides
10. Century Farm



